

Fig. 1

FIG. 2 is a schematic diagram of a device 100 in a first state. The device 100 includes a first electrode 10, a second electrode 20, and a dielectric layer 22. The first electrode 10 is connected to a voltage source 26. The second electrode 20 is connected to a voltage source 20. The dielectric layer 22 is positioned between the first electrode 10 and the second electrode 20. The device 100 is shown in a first state, where the first electrode 10 is at a positive voltage and the second electrode 20 is at a negative voltage. This configuration causes the dielectric layer 22 to expand, as indicated by the double-headed arrow 24. The expanded dielectric layer 22 is shown in a second state, where it is thicker than in the first state. The device 100 is shown in a first state, where the first electrode 10 is at a positive voltage and the second electrode 20 is at a negative voltage. This configuration causes the dielectric layer 22 to expand, as indicated by the double-headed arrow 24. The expanded dielectric layer 22 is shown in a second state, where it is thicker than in the first state.

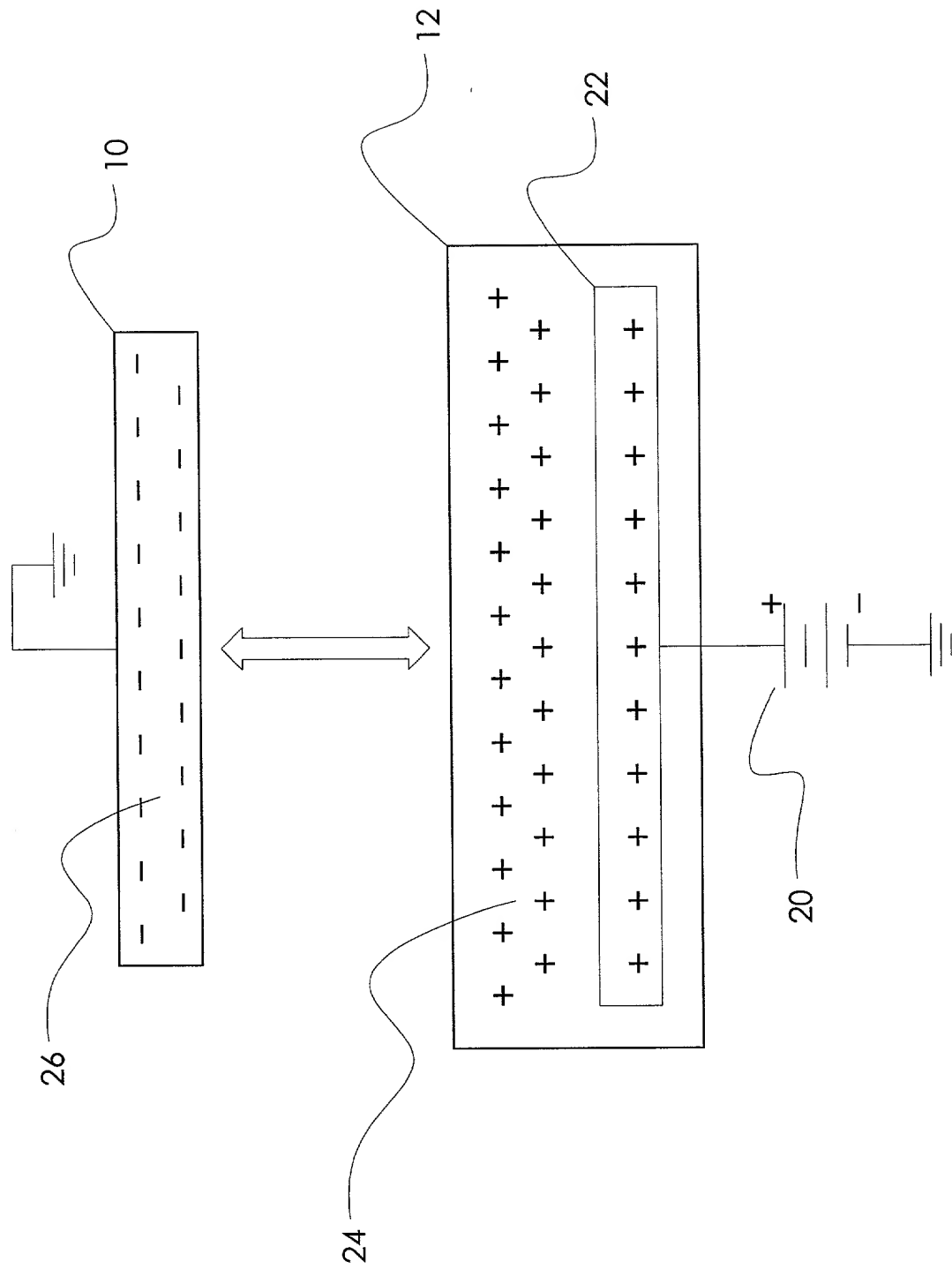


Fig. 2

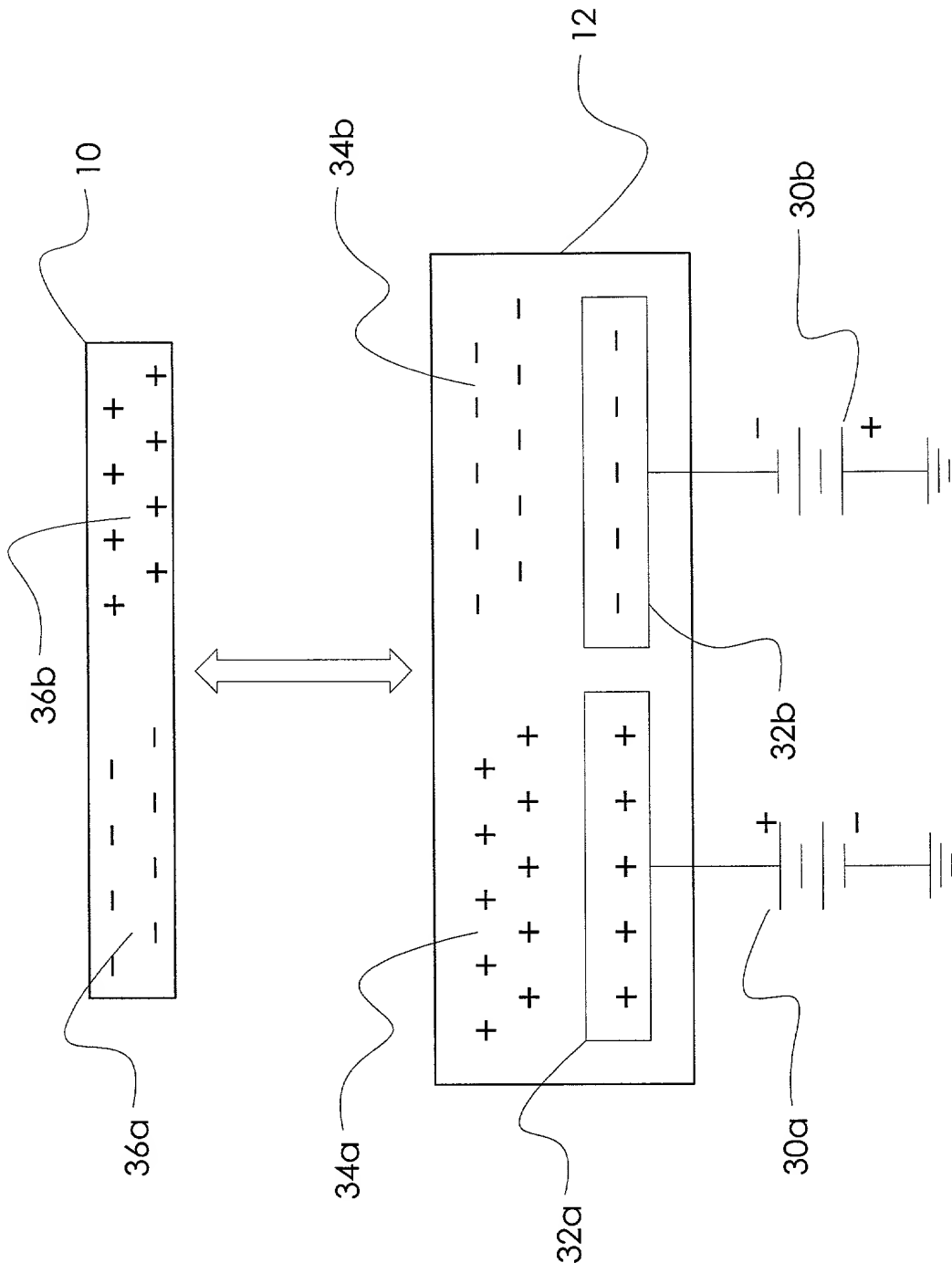


Fig. 3

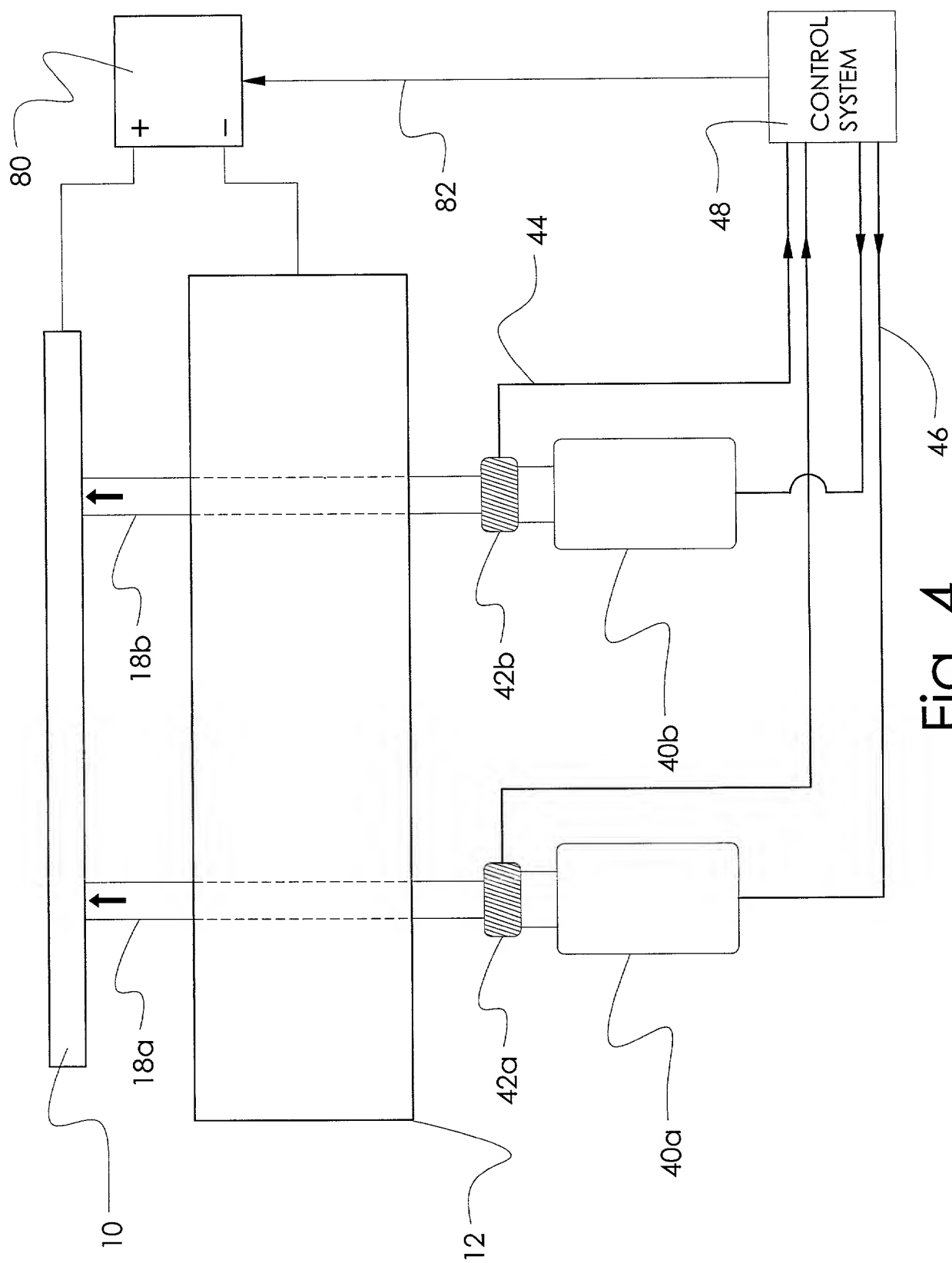


Fig. 4

Fig. 5 is a block diagram of a control system for a vehicle. The system includes a control system 46, a first actuator 40a, a second actuator 40b, a first sensor 18a, a second sensor 18b, a first output 80, and a second output 82. The control system 46 is connected to the first actuator 40a and the second actuator 40b. The first actuator 40a is connected to the first sensor 18a. The second actuator 40b is connected to the second sensor 18b. The first sensor 18a is connected to the first output 80. The second sensor 18b is connected to the second output 82. The control system 46 is also connected to the first output 80 and the second output 82.

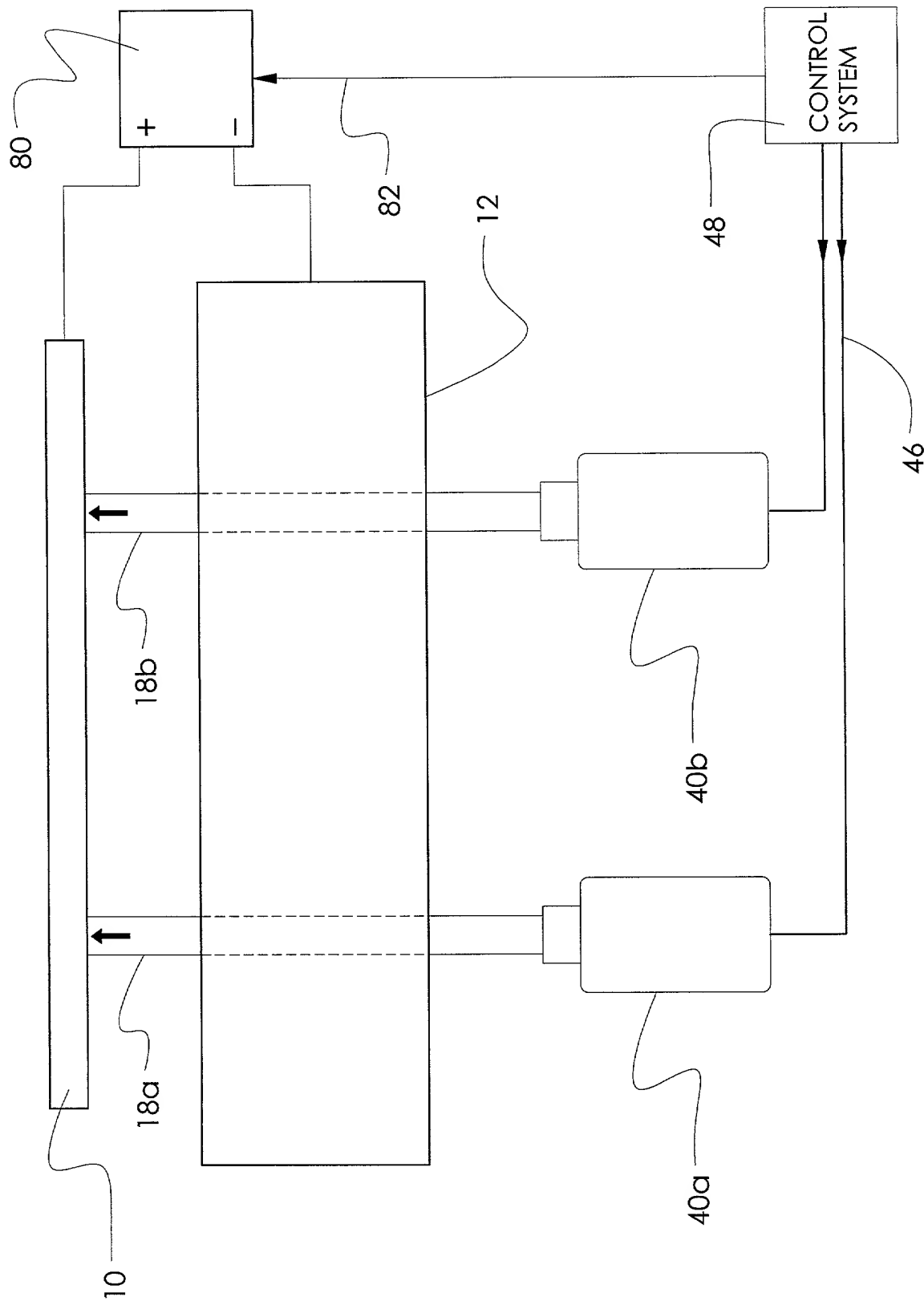


Fig. 5

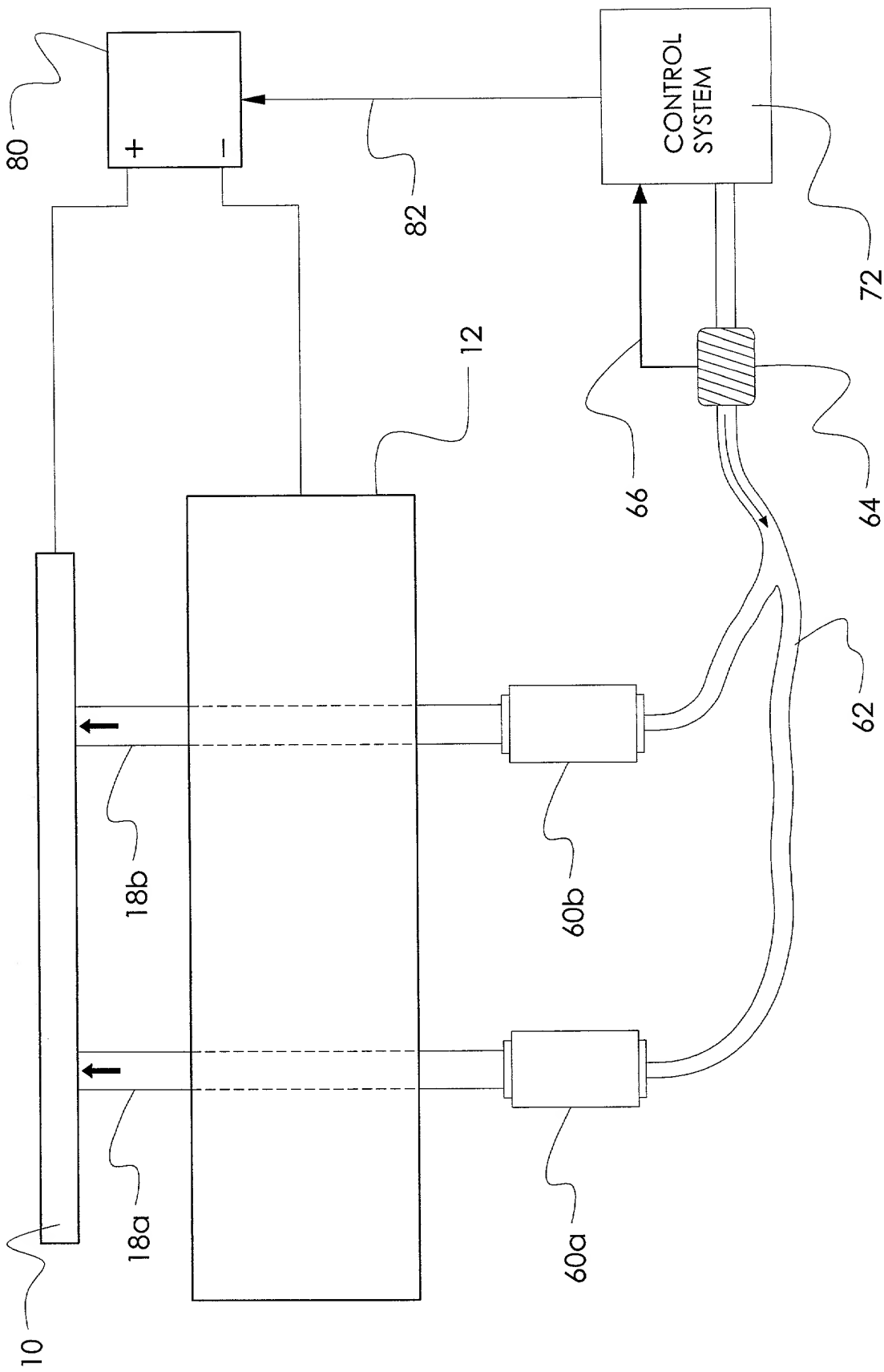


Fig. 6

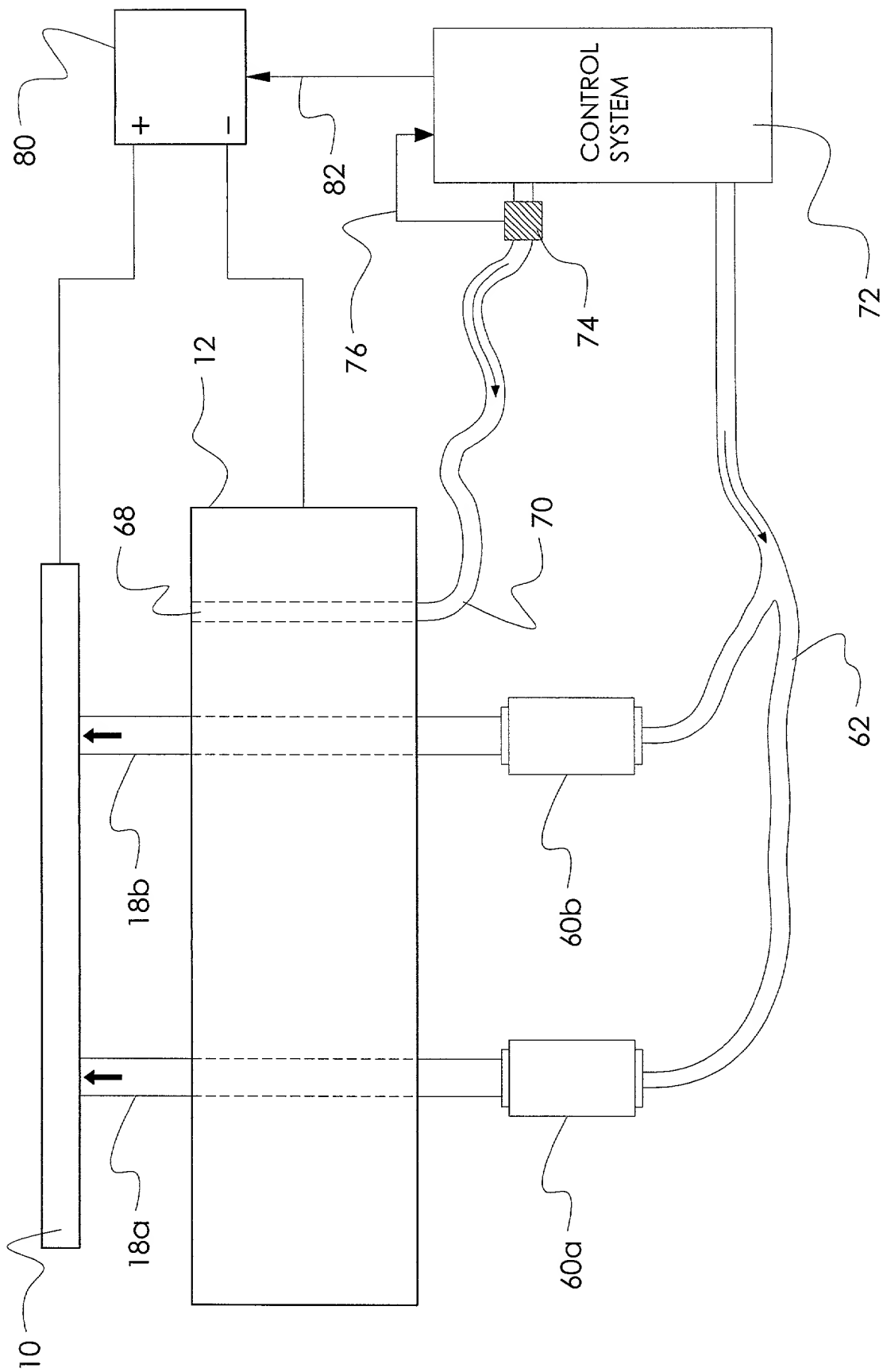


Fig. 7